EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	fibromyalgia near40 ($antitrypsin or $anti-trypsin)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/08/16 13:16
L2	6	("4440679"|"6737405").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/08/16 11:49
L3	1	fibromyalgia near40 ((protease inhibitor) or (proteinase inhibitor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/08/16 13:20
L4	2	fibromyalgia near40 (antiproteinase or aat$2 or serpina$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/08/16 15:28
L5	2	"20030228628".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/08/16 13:38
L6	4	"2003041697".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/08/16 13:38
L7	2	fibromyalgia near40 (9041-92-3 or (trypsin inhibitor) or antitrypsin or aralast or prolastin or resptitin or (serpin a 1) or zemaira or $8antiprotease or $8antiproteinase)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/08/16 15:31
L8	0	fibromyalgia near40 ((alpha-1 at) or alpha1-at)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/08/16 15:32

WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Wednesday, August 16, 2006

Hide?	Set Name	Query	Hit Count
	DB=PGPB,USPT; PLUR=YES; OP=ADJ		
☐	L5	l3 not l4	11
☐	L4	L3 and @ad<20040924	6
☐	L3	L1 same fibromyalgia	17
☐	L2	L1 dame fibromyalgia	0
☐	L1	(9041-92-3 or Trypsin inhibitor OR Antitrypsin OR Aralast OR Prolastin OR Respitin OR Serpin A 1 OR Zemaira)	17080

END OF SEARCH HISTORY

d his

(FILE 'HOME' ENTERED AT 12:02:24 ON 16 AUG 2006)

FILE 'CAPLUS, BIOSIS' ENTERED AT 12:02:43 ON 16 AUG 2006
L1 4 S FIBROMYALGIA (40N) (?ANTITRYPSIN OR ?ANTI-TRYPSIN)
L2 3 DUP REM L1 (1 DUPLICATE REMOVED)

=> app. no. 10/549,759

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 d his

     (FILE 'HOME' ENTERED AT 12:02:24 ON 16 AUG 2006)

     FILE 'CAPLUS, BIOSIS' ENTERED AT 12:02:43 ON 16 AUG 2006
L1             4 S FIBROMYALGIA (40N) (?ANTITRYPSIN OR ?ANTI-TRYPSIN)
L2             3 DUP REM L1 (1 DUPLICATE REMOVED)

     FILE 'REGISTRY' ENTERED AT 13:01:31 ON 16 AUG 2006
L3             0 S ALPHA-1 ANTITRYPSIN/CN
                 E (ALPHA-1 ANTITRYPSIN)
L4            51 S (ALPHA-1 ANTITRYPSIN)
L5            51 DUP REM L4 (0 DUPLICATES REMOVED)
                 E ANTITRYPSIN
L6            82 S E3

     FILE 'CAPLUS, BIOSIS' ENTERED AT 13:24:50 ON 16 AUG 2006
L7             3 S FIBROMYALGIA(40N)(ANTIPROTEINASE OR AAT2 OR AAT OR SERPINA? O
L8             2 DUP REM L7 (1 DUPLICATE REMOVED)
L9         13122 S L4
L10            6 S L4 AND FIBROMYALGIA
L11            5 DUP REM L10 (1 DUPLICATE REMOVED)

=> app. no. 10/549,759
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* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 12:51:43 ON 16 AUG 2006

=> file ca
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.39       1.48

FILE 'CA' ENTERED AT 12:54:27 ON 16 AUG 2006

=> s alpha-1 antitrypsin
       1595841 ALPHA
          2465 ALPHAS
       1595940 ALPHA
                (ALPHA OR ALPHAS)
       8430567 1
          6773 ANTITRYPSIN
            47 ANTITRYPSINS
          6780 ANTITRYPSIN
                (ANTITRYPSIN OR ANTITRYPSINS)
L2        5719 ALPHA-1 ANTITRYPSIN
                (ALPHA(W)1(W)ANTITRYPSIN)

=> d ind

L2   ANSWER 1 OF 5719  CA  COPYRIGHT 2006 ACS on STN
CC   14-8 (Mammalian Pathological Biochemistry)
ST   fibrinogen haptoglobin congenital hypothyroidism
IT   Human
        (2-DE detection revealed that enhanced fibrinogen γ-chain and
        reduced haptoglobin β-chain plasma protein expression was
        normalized after treatment with thyroxine in congenital hypothyroidism
        patient)
IT   Fetuins
     RL: ADV (Adverse effect, including toxicity); BSU (Biological study,
     unclassified); BIOL (Biological study)
        (A; α2-HS glycoprotein was unaltered in untreated congenital
        hypothyroidism patient)
IT   Development, mammalian postnatal
        (child; 2-DE detection revealed that enhanced fibrinogen γ-chain
        and reduced haptoglobin β-chain plasma protein expression was
        normalized after treatment with thyroxine in congenital hypothyroidism
        patient)
IT   Hypothyroidism
        (congenital; 2-DE detection revealed that enhanced fibrinogen
        γ-chain and reduced haptoglobin β-chain plasma protein
        expression was normalized after treatment with thyroxine in congenital
        hypothyroidism patient)
IT   Development, mammalian postnatal
        (infant; 2-DE detection revealed that enhanced fibrinogen γ-chain
        and reduced haptoglobin β-chain plasma protein expression was
        normalized after treatment with thyroxine in congenital hypothyroidism
        patient)
IT   Hemopexins
     RL: ADV (Adverse effect, including toxicity); BSU (Biological study,
     unclassified); BIOL (Biological study)
        (two-dimensional gel electrophoresis detected hemopexin plasma protein
```

in untreated congenital hypothyroidism patient)

IT α1-Acid glycoprotein
RL: ADV (Adverse effect, including toxicity); BSU (Biological study, unclassified); BIOL (Biological study)
(two-dimensional gel electrophoresis detected orosomucoid plasma protein in untreated congenital hypothyroidism patient)

IT Transferrins
RL: ADV (Adverse effect, including toxicity); BSU (Biological study, unclassified); BIOL (Biological study)
(two-dimensional gel electrophoresis detected transferrin plasma protein in untreated congenital hypothyroidism patient)

IT Glycoproteins
RL: ADV (Adverse effect, including toxicity); BSU (Biological study, unclassified); BIOL (Biological study)
(α1-B-; α1-B glycoprotein was unaltered in untreated congenital hypothyroidism patient)

IT Haptoglobin
RL: ADV (Adverse effect, including toxicity); BSU (Biological study, unclassified); BIOL (Biological study)
(β, Haptoglobins, β-; two-dimensional gel electrophoresis detected that markedly reduced expression of haptoglobin β-chain plasma protein was normalized after treatment with thyroxine in untreated congenital hypothyroidism patient)

IT Fibrinogens
RL: ADV (Adverse effect, including toxicity); BSU (Biological study, unclassified); BIOL (Biological study)
(γ chain; two-dimensional gel electrophoresis detected that markedly enhanced expression of fibrinogen γ-chain plasma protein was normalized after treatment with thyroxine in untreated congenital hypothyroidism patient)

IT 51-48-9, Thyroxine, biological studies
RL: ADV (Adverse effect, including toxicity); BSU (Biological study, unclassified); BIOL (Biological study)
(2-DE detection revealed that enhanced fibrinogen γ-chain and reduced haptoglobin β-chain plasma protein expression was normalized after treatment with thyroxine in congenital hypothyroidism patient)

IT 9041-92-3, α1-Antitrypsin
RL: ADV (Adverse effect, including toxicity); BSU (Biological study, unclassified); BIOL (Biological study)
(α1-antitrypsin was unaltered in untreated congenital hypothyroidism patient)

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.34	7.82

FILE 'REGISTRY' ENTERED AT 12:55:02 ON 16 AUG 2006

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 15 AUG 2006 HIGHEST RN 901654-60-2

DICTIONARY FILE UPDATES: 15 AUG 2006 HIGHEST RN 901654-60-2

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http://www.cas.org/ONLINE/UG/regprops.html

=> s 9041-92-3/rn
L3 1 9041-92-3/RN

=> d

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 9041-92-3 REGISTRY
ED Entered STN: 16 Nov 1984
CN Trypsin inhibitor, α1- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN α1-Antiprotease
CN α1-Antiproteinase
CN α1-Antitrypsin
CN α1-Antitrypsin Pittsburgh mutant
CN α1-Antitrypsin Portland
CN α1-AT
CN α1-Protease inhibitor
CN α1-Proteinase inhibitor
CN α1-Trypsin inhibitor
CN Antitrypsin Pittsburgh
CN Aralast
CN Prolastin
CN Respitin
CN Serpin A 1
CN Zemaira
DR 9082-50-2, 124542-00-3
MF Unspecified
CI COM, MAN
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOSIS, BIOTECHNO, CA, CAPLUS, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IMSCOSEARCH, IMSRESEARCH, IPA, MRCK*, PHAR, PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5893 REFERENCES IN FILE CA (1907 TO DATE)
317 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

```
             5902 REFERENCES IN FILE CAPLUS (1907 TO DATE)


=> sel l3 chem
E1 THROUGH E18 ASSIGNED

=> index bioscience
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     3.11      10.93

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
       AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
       CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
       DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 12:56:01 ON 16 AUG 2006

68 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s e1-18 and fibromyalgia
          1   FILE ADISCTI
   7 FILES SEARCHED...
          3   FILE BIOSIS
          1   FILE BIOTECHABS
  11 FILES SEARCHED...
          1   FILE BIOTECHDS
  13 FILES SEARCHED...
         12   FILE CAPLUS
  19 FILES SEARCHED...
          1   FILE DDFU
         43   FILE DGENE
  23 FILES SEARCHED...
          1   FILE DRUGU
          3   FILE EMBASE
  30 FILES SEARCHED...
  35 FILES SEARCHED...
         17   FILE IFIPAT
  43 FILES SEARCHED...
          3   FILE MEDLINE
          1   FILE PASCAL
  48 FILES SEARCHED...
          6   FILE PROMT
  57 FILES SEARCHED...
          3   FILE SCISEARCH
          1   FILE TOXCENTER
        307   FILE USPATFULL
  61 FILES SEARCHED...
         26   FILE USPAT2
  64 FILES SEARCHED...
         11   FILE WPIDS
  66 FILES SEARCHED...
         11   FILE WPINDEX

  19 FILES HAVE ONE OR MORE ANSWERS,   68 FILES SEARCHED IN STNINDEX

L4   QUE (A1-ANTIPROTEASE/BI OR A1-ANTIPROTEINASE/BI OR "A1-A
         NTITRYPSIN PITTSBURGH MUTANT"/BI OR "A1-ANTITRYPSIN PORTLAND"/BI
```

OR A1-ANTITRYPSIN/BI OR A1-AT/BI OR "A1-PROTEASE IN
HIBITOR"/BI OR "A1-PROTEINASE INHIBITOR"/BI OR "A1-TRYPSIN
INHIBITOR"/BI OR "ANTITRYPSIN PITTSBURGH"/BI OR ARALAST/BI OR PROLAST
IN/BI OR RESPITIN/BI OR "SERPIN A 1"/BI OR ZEMAIRA/BI OR 124542-00-3/B
I OR 9041-92-3/BI OR 9082-50-2/BI) AND FIBROMYALGIA

=> d rank

F1	307	USPATFULL
F2	43	DGENE
F3	26	USPAT2
F4	17	IFIPAT
F5	12	CAPLUS
F6	11	WPIDS
F7	11	WPINDEX
F8	6	PROMT
F9	3	BIOSIS
F10	3	EMBASE
F11	3	MEDLINE
F12	3	SCISEARCH
F13	1	ADISCTI
F14	1	BIOTECHABS
F15	1	BIOTECHDS
F16	1	DDFU
F17	1	DRUGU
F18	1	PASCAL
F19	1	TOXCENTER

=> file f5-19

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	12.81	23.74

FILE 'CAPLUS' ENTERED AT 13:08:48 ON 16 AUG 2006
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FILE 'TOXCENTER' ENTERED AT 13:08:48 ON 16 AUG 2006
COPYRIGHT (C) 2006 ACS

=> s l4 and py<2005
   2 FILES SEARCHED...
   4 FILES SEARCHED...
   6 FILES SEARCHED...
   8 FILES SEARCHED...
  11 FILES SEARCHED...
L5          27 L4 AND PY<2005

=> dup rem l5
PROCESSING COMPLETED FOR L5
L6          17 DUP REM L5 (10 DUPLICATES REMOVED)
               ANSWERS '1-5' FROM FILE CAPLUS
               ANSWERS '6-8' FROM FILE WPIDS
               ANSWERS '9-13' FROM FILE PROMT
               ANSWER '14' FROM FILE BIOSIS
               ANSWER '15' FROM FILE EMBASE
               ANSWER '16' FROM FILE SCISEARCH
               ANSWER '17' FROM FILE ADISCTI

=> d bib abs 1-17

L6   ANSWER 1 OF 17  CAPLUS  COPYRIGHT 2006 ACS on STN DUPLICATE 1
AN   2005:139369  CAPLUS  Full-text
DN   142:175392
TI   Analysis of genetic information contained in peripheral blood for
     diagnosis, prognosis and monitoring treatment of allergy, infection and
     genetic disease in human
IN   Liew, Choong-Chin
PA   Chondrogene Limited, Can.
SO   U.S. Pat. Appl. Publ., 155 pp., Cont.-in-part of U.S. Ser. No. 802,875.
     CODEN: USXXCO
DT   Patent
LA   English
FAN.CNT 47
     PATENT NO.          KIND   DATE        APPLICATION NO.         DATE
     ---------------     ----   --------    --------------------    --------
PI   US 2004241726        A1    20041202    US 2004-812707          20040330 <--
     US 2004014059        A1    20040122    US 2002-268730          20021009 <--
     US 2005191637        A1    20050901    US 2004-803737          20040318
     US 2005196762        A1    20050908    US 2004-803759          20040318
     US 2005196763        A1    20050908    US 2004-803857          20040318
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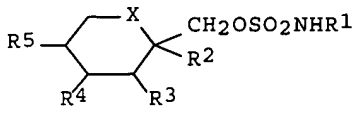
	US 2005196764	A1	20050908	US 2004-803858	20040318
	US 2005208505	A1	20050922	US 2004-803648	20040318
	US 2004241726	A1	20041202	US 2004-812707	20040330 <--
PRAI	US 1999-115125P	P	19990106		
	US 2000-477148	B1	20000104		
	US 2002-268730	A2	20021009		
	US 2003-601518	A2	20030620		
	US 2004-802875	A2	20040312		
	US 2004-812707	A	20040330		

AB The present invention is directed to detection and measurement of gene transcripts and their equivalent nucleic acid products in blood. Specifically provided is anal. performed on a drop of blood for detecting, diagnosing, and monitoring diseases, and in particular allergy, using gene-specific and/or tissue-specific primers. Affymetrix Human Genome U133 and ChondroChip microarrays were used to detect differentially expressed gene transcripts in hypertension, obesity, allergy, systemic steroids, coronary artery disease, diabetes type 2, hyperlipidemia, lung disease, bladder cancer, rheumatoid arthritis, osteoarthritis, liver cancer, schizophrenia, Chagas disease, asthma, and manic depression syndrome. The present invention describes methods by which delineation of the sequence and/or quantitation of the expression levels of disease-specific genes allows for an immediate and accurate diagnostic/prognostic test for disease or to assess the effect of a particular treatment regimen. [This abstract record is one of 3 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.].

L6 ANSWER 2 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 4
AN 2003:396706 CAPLUS Full-text
DN 138:379227
TI Method using topiramate and related compounds for treating autoimmune diseases
IN Ryback, Ralph
PA USA
SO PCT Int. Appl., 35 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003041697	A1	20030522	WO 2002-US36408	20021114 <--
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2466519	AA	20030522	CA 2002-2466519	20021114 <--
	US 2003144347	A1	20030731	US 2002-293492	20021114 <--
	EP 1450779	A1	20040901	EP 2002-780645	20021114 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	JP 2005514352	T2	20050519	JP 2003-543584	20021114
PRAI	US 2001-331324P	P	20011114		
	WO 2002-US36408	W	20021114		

OS MARPAT 138:379227
GI



I

AB The invention provides a method for treating autoimmune diseases, comprising administering a therapeutically effective amount of I (X = CH2, O; R1 = H, alkyl; R2-R5 = H, lower alkyl, etc.), e.g. topiramate.
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 5
AN 1997:233191 CAPLUS Full-text
DN 126:275598
TI Mutations in the c-erbAβ1 gene: do they underlie euthyroid fibromyalgia?
AU Lowe, J. C.; Cullum, M. E.; Graf, L. H., Jr.; Yellin, J.
CS Fibromyalgia Research Foundation, Houston, TX, 77277, USA
SO Medical Hypotheses (1997), 48(2), 125-135
CODEN: MEHYDY; ISSN: 0306-9877
PB Churchill Livingstone
DT Journal; General Review
LA English
AB A review, with 152 refs., on fibromyalgia, which is a chronic condition of widespread pain, stiffness, and fatigue, and has proven unresponsive to drugs, the use of which is based on the "serotonin-deficiency hypothesis". An alternative hypothesis - failed transcription regulation by thyroid hormone - can explain the serotonin deficiency and other objective findings and symptoms of euthyroid fibromyalgia. Virtually every feature of fibromyalgia corresponds to signs or symptoms associated with failed transcription regulation by thyroid hormone. In hypothyroid fibromyalgia, failed transcription regulation would result from thyroid-hormone deficiency. In euthyroid fibromyalgia, failed transcription regulation may result from low-affinity thyroid hormone receptors coded by a mutated c-erbAβ1 gene, yielding partial peripheral resistance to thyroid hormone. The hypothesis of this paper is that, in euthyroid fibromyalgia, a mutant c-erbAβ1 gene (or alternately, the c-erbA.alpha.1 gene) results in low-affinity thyroid-hormone receptors that prevent normal thyroid hormone regulation of transcription. As in hypothyroidism, this would cause a shift toward α-adrenergic dominance and increases in both cyclic adenosine 3'-5'-phosphate phosphodiesterase and inhibitory Gi proteins. The result would be tissue-specific hypothyroid-like symptoms despite normal circulating thyroid-hormone levels.

L6 ANSWER 4 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2006:218234 CAPLUS Full-text
DN 144:286212
TI Diagnosis and treatment of human dormancy-related sequellae
IN Powell, Michael

PA USA
SO U.S. Pat. Appl. Publ., 35 pp., Cont.-in-part of U. S. Ser. No. 444,845.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006052278	A1	20060309	US 2005-206564	20050818
	US 2003228628	A1	20031211	US 2003-444845	20030523 <--
PRAI	US 2002-382913P	P	20020523		
	US 2002-383271P	P	20020524		
	US 2003-444845	A2	20030523		

AB New methods for diagnosis and treatment of human dormancy syndrome-related sequellae are provided. Human dormancy syndrome (HDS) is characterized by elevated serum ratio of rT3/fT3 compared to a population of normal subjects. HDS includes fibromyalgia, chronic fatigue, cancer, autoimmune disease, obesity and related dormancy conditions. Dormancy and HDS-related sequellae are imposed on humans by infection with lipopolysaccharide (LPS; or endotoxin)-producing organisms, especially those that are intracellular and those that create antigens that stimulate the TLR pathways. In such instances, the elimination or neutralization of the LPS signal along with the infectious source is required to impact the sequellae of HDS. Treatment includes use of novel and non-obvious doses of antibiotics, optionally including agents that decrease the adverse effects of endotoxin.

L6 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1992:487883 CAPLUS Full-text
DN 117:87883
TI Alterations in platelet [3H]-imipramine binding, 5HT uptake and plasma .alpha.1-acid glycoprotein concentrations in patients with major depression
AU Knight, David L.; Slotkin, Theodore A.; Meyerson, Lawrence R.; Krishnan, K. Ranga R.; Nemeroff, Charles B.
CS Med. Cent., Duke Univ., Durham, NC, 27710, USA
SO Advances in the Biosciences (Oxford) (1991), 82(Presynaptic Recept. Neuronal Transp.), 185-8
CODEN: AVBIB9; ISSN: 0065-3446
DT Journal
LA English
AB Several aspects of platelet serotonergic function have been investigated in patients with major depression. The specificity of the decreased number of platelet binding sites for [3H]-imipramine were investigated. Blood samples for platelet receptor binding were obtained from normal controls, patients with panic disorder, atypical depression, mania, fibromyalgia and Alzheimer's disease as well as patients with major depression. Only patients with major depression exhibited a decrease in the d. of [3H]-imipramine binding sites on platelets. In addition, in vitro expts. revealed that imipramine was less effective in inhibiting radiolabeled serotonin (5HT) uptake into platelets in elderly depressed patients, when compared to either elderly normal controls or young-middle aged depressed patients. Lastly, an increase in the concentration of plasma .alpha.1-acid glycoprotein, a putative endogenous inhibitor of the [3H]-imipramine binding site, in drug-free depressed patients was observed

L6 ANSWER 6 OF 17 WPIDS COPYRIGHT 2006 THE THOMSON CORP on STN
AN 2004-765487 [75] WPIDS Full-text
CR 2003-342643 [32]; 2004-329624 [30]; 2004-765486 [75]

DNN N2004-603924 DNC.C2004-268299
TI New triazine compounds are smooth muscle proliferation inhibitor useful for treating inflammation mediated disease and hyperproliferative disease.
DC B03 B04 D22 S05 T01
IN ALEXANDER, C W; KRISHNA, R V V; KUMAR, P R; PAL, M; PILLARISETTI, S; REDDY, G O; REDDY, J T; SAXENA, U; SRIDEVI, B S; TIMMER, R T; YELESWARAPU, K R
PA (ALEX-I) ALEXANDER C W; (KRIS-I) KRISHNA R V V R M; (KUMA-I) KUMAR P R; (PALM-I) PAL M; (PILL-I) PILLARISETTI S; (REDD-I) REDDY G O; (REDD-I) REDDY J T; (SAXE-I) SAXENA U; (SRID-I) SRIDEVI B S; (TIMM-I) TIMMER R T; (YELE-I) YELESWARAPU K R
CYC 1
PI US 2004209881 A1 20041021 (200475)* 254<--
ADT US 2004209881 A1 US 2003-400134 20030326
PRAI US 2003-400134 20030326
AN 2004-765487 [75] WPIDS Full-text
CR 2003-342643 [32]; 2004-329624 [30]; 2004-765486 [75]
AB US2004209881 A UPAB: 20050707
NOVELTY - Triazine compounds (I) are new.

DETAILED DESCRIPTION - Triazine compounds of formula (I) are new.

R1b = e.g. 4-fluoro-5-methoxy-pyridin-2-yl, 3-fluoro-2-methoxy- pyridin-5-yl, 3-fluoro-4-(Na+ O-)-phenyl, 3-fluoro-4-(K+ O-)-phenyl, 3-(trifluoromethyl)-4-methoxyphenyll or 4-methoxy-3-carboxy-phenyl (or its sodium salt);

R2b = e.g. hexahydro-pyrrolo(1,2-c)imidazol-2-yl, hexahydro-pyrrolo(1,2-c)imidazol-3-on-2-yl, 2,3-dihydro-1H-indol-1-yl or 1H-indol-1-yl;

R4b = H, CH3, CH2CH3 or CH2CH2CH3;

R5b = e.g. cycloheptane, cyclohepten-4-yl, azepan-4-yl or 1-methyl-azepan-4-yl;

R6b = O, NH, NCH3, NCH2CH3 or N-C=N;and

R7b = cycloheptanyloxy, cyclopropyloxy, cyclopentanyloxy, cyclohexanyloxy or -N(R4b)R5b.

NB: Full definitions are given in the Definitions (Full Definitions) field.

INDEPENDENT CLAIMS are included for the following:

(1) a composition (C1) comprising (I);

(2) a medical device comprising a drug delivering or eluting member and (C1) disposed on or in the drug delivering or eluting member;

(3) a microarray comprising a gene expression profile generated from a cell type treated with (I); and

(4) an expression profile database comprising a patient identifying reference; and an expression profile for the patient generated by administering (I).

ACTIVITY - Cytostatic; Antiinflammatory; Vasotropic; Antiarteriosclerotic; Antidiabetic; Cardiovascular-Gen.; Immunosuppressive; Antiarteriosclerotic; Antiarthritic; Antirheumatic; Antiulcer; Gastrointestinal-Gen.; Osteopathic; Dermatological; Ophthalmological; Neuroprotective; Respiratory-Gen.; Vasotropic; Antiallergic; Antiasthmatic; Antipsoriatic; Antibacterial; Fungicide; Virucide; Vulnerary; Cerebroprotective; Hemostatic; Nephrotropic; Hepatotropic; Muscular-Gen.

MECHANISM OF ACTION - Glycated protein inhibitor/blocker; Smooth muscle proliferation inhibitor; Heparanase activity modulator/inhibitor.

(I) was tested for smooth muscle proliferation inhibition (SMC) activity using human aortic smooth muscle cells and smooth muscle cell proliferation assay. (I) showed SMC inhibition of grater than 70%.

USE - For treating unwanted cellular proliferation, inflammation mediated disease, hyperproliferative disease, modulating a glycosidase enzyme in a human or an animal (claimed). Also useful for treating pathophysiological conditions arising from inflammatory responses and vascular occlusive conditions characterized by smooth muscle proliferation e.g. restenosis and

atherosclerosis, and diabetes, cardiovascular diseases, organ transplant sequellae, neointimal hyperplasia, transplant vasculopathy, cardiac allograft vasculopathy and arteriosclerosis; for treating and preventing cancer, autoimmune diseases, arthritis, rheumatoid arthritis, juvenile rheumatoid arthritis, psoriatic arthritis, ankylosing spondilitis, gastric ulcer, seronegative arthropathies, osteoarthritis, inflammatory bowel disease, ulcerative colitis, systemic lupus erythematosis, antiphospholipid syndrome, iridocyclitis/uveitis/optic neuritis, idiopathic pulmonary fibrosis, systemic vasculitis/wegener's granulomatosis, sarcoidosis, orchitis/vasectomy reversal procedures, allergic/atopic diseases, asthma, allergic rhinitis, eczema, allergic contact dermatitis, allergic conjunctivitis, hypersensitivity pneumonitis, transplants, organ transplant rejection, graft-versus-host disease, systemic inflammatory response syndrome, sepsis syndrome, gram positive sepsis, gram negative sepsis, culture negative sepsis, fungal sepsis, neutropenic fever, urosepsis, meningococcemia, trauma/hemorrhage, burns, ionizing radiation exposure, acute pancreatitis, adult respiratory distress syndrome, alcohol-induced hepatitis, chronic inflammatory pathologies, Crohn's pathology, sickle cell anemia, diabetes, nephrosis, atopic diseases, hypersensitity reactions, perennial rhinitis, conjunctivitis, endometriosis, asthma, urticaria, systemic anaphalaxis, dermatitis, pernicious anemia, hemolytic disesease, thrombocytopenia, graft rejection of any organ or tissue, kidney translplant rejection, heart transplant rejection, liver transplant rejection, pancreas transplant rejection, lung transplant rejection, bone marrow transplant (BMT) rejection, skin allograft rejection, cartilage transplant rejection, bone graft rejection, small bowel transplant rejection, fetal thymus implant rejection, parathyroid transplant rejection, xenograft rejection of any organ or tissue, allograft rejection, anti-receptor hypersensitivity reactions, Graves disease, Raynoud's disease, type B insulin-resistant diabetes, myasthenia gravis, -meditated cytotoxicity, type III hypersensitivity reactions, POEMS syndrome, polyneuropathy, organomegaly, endocrinopathy, monoclonal gammopathy, skin changes syndrome, anti-phospholipid syndrome, pemphigus, scleroderma, mixed connective tissue disease, idiopathic Addison's disease, autoimmune hemolytic anemia, autoimmune hepatitis, idiopathic pulmonary fibrosis, scleroderma, diabetes mellitus, chronic active hepatitis, vitiligo, vasculitis, post-MI cardiotomy syndrome, contact dermatitis, hypersensitivity pneumonitis, granulomas due to intracellular organisms, drug sensitivity, metabolic/idiopathic, Wilson's disease, hemachromatosis, alpha-1-antitrypsin deficiency, diabetic retinopathy, hashimoto's thyroiditis, osteoporosis, hypothalamic-pituitary-adrenal axis evaluation, primary biliary cirrhosis, thyroiditis, encephalomyelitis, cachexia, cystic fibrosis, neonatal chronic lung disease, chronic obstructive pulmonary disease (COPD), familial hematophagocytic lymphohistiocytosis, dermatologic conditions, psoriasis, alopecia, nephrotic syndrome, nephritis, glomerular nephritis, acute renal failure, hemodialysis, uremia, toxicity, preeclampsia, ankylosing spondylitis, Behcet's disease, bullous pemphigoid, cardiomyopathy, celiac sprue-dermatitis, chronic fatigue immune dysfunction syndrome, chronic inflammatory demyelinating polyneuropathy, Churg-Strauss syndrome, cicatricial pemphigoid, CREST syndrome, cold agglutinin disease, discoid lupus, essential mixed cryoglobulinemia, fibromyalgia -fibromyositis, Graves' disease, Guillain-Barr, idiopathic thrombocytopenia purpura (ITP), IgA nephropathy, insulin dependent diabetes, lichen planus, meniere's disease, multiple sclerosis, pemphigus vulgaris, polyarteritis nodosa, Cogan's syndrome, polychondritis, polyglandular syndromes, polymyalgia rheumatica, polymyositis and dermatomyositis, primary agammaglobulinemia, Raynaud's phenomenon, Reiter's syndrome, rheumatic fever, stiff-man syndrome, Takayasu arteritis and temporal arteritis/giant cell arteritis. Dwg.0/86

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2003-567182 [53]; 2003-567183 [53]; 2003-567184 [53]; 2003-567185 [53];
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DNN N2000-028952 DNC C2000-009747

TI New isolated GFR-alpha3 nucleic acid, used to develop products for treating diseases or conditions involving peripheral nervous system or automic nervous system.

DC B04 C03 C06 D16 S03

IN DE SAUVAGE, J; KLEIN, D; PHILLIPS, S; ROSENTHAL, A; DE SAUVAGE, F; KLEIN, R; PHILLIPS, H; DE SAUVAGE, F J; KLEIN, R D; PHILLIPS, H S; ASHKENAZI, A; GODDARD, A; GURNEY, A L; NAPIER, M; WOOD, W I; YUAN, J

PA (GETH) GENENTECH INC; (DSAU-I) DE SAUVAGE F J; (KLEI-I) KLEIN R D; (PHIL-I) PHILLIPS H S; (ROSE-I) ROSENTHAL A

CYC 87

PI WO 9949039 A2 19990930 (200003)* EN 112<--
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FDT AU 9931944 A Based on WO 9949039; EP 1064376 A2 Based on WO 9949039; JP 2002507421 W Based on WO 9949039; NZ 506748 A Based on WO 9949039; AU 765070 B Previous Publ. AU 9931944, Based on WO 9949039; EP 1064376 B1 Based on WO 9949039; DE 69930374 E Based on EP 1064376, Based on WO 9949039

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WO 1999-US28313 19991130; WO 1999-US28564 19991202;
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2003-567182 [53]; 2003-567183 [53]; 2003-567184 [53]; 2003-567185 [53];
...

AB WO 9949039 A UPAB: 20060801

NOVELTY - Isolated glial-cell-line-derived neurotrophic factor family receptor alpha -3 (GFR alpha 3) polypeptides and polynucleotides are new.

DETAILED DESCRIPTION - A novel isolated (A) nucleic acid (NA) comprises a NA having at least a 65 % sequence identity to:

(a) NA molecule (NAM) encoding a GFR alpha 3 polypeptide comprising the sequence of amino acids 27 to 400 of sequence (XV) shown (400 amino acids in length) or the sequence of amino acids 27 to 369 of sequence (XVII) (369 amino acids in length); or

(b) the complement of an NAM as in (a).

INDEPENDENT CLAIMS are also included for the following:

(1) an isolated NA comprising NA having at least a 65% sequence identity to:

(a) NAM encoding the same mature polypeptide encoded by a cDNA in ATCC Number 209752 (DNA48613-1268) or in ATCC Number 209751; or

(b) the complement of a DNA molecule as in (a);

(2) an isolated NA comprising an NA having at least a 65% sequence identity to:

(a) NAM encoding a GFR alpha 3 polypeptide comprising a sequence of amino acids 84 to 360 of sequence (XV), amino acids 84 to 329 of sequence (XVII), or a sequence of amino acids 110 to 386 of sequence (XX) (888 amino acids in length); or

(b) the complement of an NAM as in (a);

(3) a vector comprising an NA as in (A);

(4) a host cell comprising a vector as in (3);

(5) a polypeptide comprising a sequence having at least 65% sequence identity with amino acid residues 84 to 360 of sequence (XV) or 84 to 329 of sequence (XVII);

(6) a chimeric molecule comprising a GFR alpha 3 polypeptide fused to a heterologous amino acid sequence;

(7) an antibody which specifically binds to GFR alpha 3 polypeptide;

(8) measuring agonist binding to a polypeptide comprising an agonist-binding domain of an alpha -subunit receptor, comprising exposing the polypeptide positioned in a cell membrane to a candidate agonist and measuring homo-dimerization or homo-oligomerization of the polypeptide;

(9) measuring autophosphorylation of a polypeptide receptor construct comprising a ligand-binding domain of an alpha -subunit receptor, the intracellular catalytic domain of a tyrosine kinase receptor (TKR), and a flag epitope comprising:

(a) coating a first solid phase with a homogeneous population of eukaryotic cells so that the cells adhere to the first solid phase, where, positioned in their membranes, the cells have the polypeptide receptor construct;

(b) exposing the adhering cells to an analyte;
(c) solubilizing the adhering cells, thereby releasing cell lysate;
(d) coating a second solid phase with a capture agent which binds specifically to the flag epitope so that the capture agent adheres to the second solid phase;
(e) exposing the adhering capture agent to the cell lysate obtained in (c) so that the receptor construct adheres to the second solid phase;
(f) washing the second solid phase so as to remove unbound cell lysate;
(g) exposing the adhering receptor construct to an anti-phosphotyrosine antibody which identifies phosphorylated tyrosine residues in the TKR; and
(h) measuring binding of the anti-phosphotyrosine antibody to the adhering receptor construct;
(10) measuring autophosphorylation of a polypeptide receptor construct comprising a ligand-binding domain of an alpha -subunit receptor, the intracellular catalytic domain of a TKR, and a flag epitope;
(11) a polypeptide comprising an alpha -subunit receptor ligand-binding domain, a flag polypeptide, and an intracellular catalytic domain of a TKR;
(12) a kit comprising a solid phase coated with a capture agent which binds specifically to a flag polypeptide, and a polypeptide comprising an alpha -subunit receptor ligand-binding domain, a flag polypeptide, and an intracellular catalytic domain of a TKR; and
(13) an assay for measuring phosphorylation of polypeptide receptor construct comprising a ligand-binding domain of an alpha -subunit receptor, the intracellular catalytic domain of a kinase receptor, and a flag epitope.

USE - The GFR alpha 3 polypeptides possess neuronal cell activation function typical of the GFR protein family. GFR alpha 3 ligands can be used to stimulate proliferation, growth, survival, differentiation, metabolism or regeneration of GFR alpha 3- and Ret-containing cells. Agents which bind to the GFR alpha 3 molecule could be useful in the treatment of diseases or conditions involving the peripheral nervous system, e.g. such ligands can be used to treat peripheral neuropathies associated with diabetes, human immunodeficiency virus (HIV), or chemotherapeutic agent treatments. Ligands binding to GFR alpha 3 are expected to be useful in the treatment of neuropathic pain, antagonists of GFR alpha 3 are expected to be useful to treat chronic pain of non-neuropathic nature e.g. that which is associated with various inflammatory states. GFR alpha 3 or its agonist or antagonists can be used to treat conditions involving dysfunction of the autonomic nervous system including disturbances in blood pressure or cardiac rhythm, gastrointestinal function, impotence, and urinary continence. Other indications for ligands binding to GFR alpha 3 include post-herpetic neuralgia, shingles, asthma, irritable bowel, inflammatory bowel, cystitis, headache (migraine), arthritis, spinal cord injury, constipation, hypertension, mucositis, dry mouth or eyes, fibromyalgia, chronic back pain, or wound healing. Ligands which act via GFR alpha 3 will be particularly useful to treat disorders of the peripheral nervous system while inducing fewer effects on weight loss, motor function, or on kidney function than would ligands acting via GFR alpha 1 or GFR alpha 2. The products and methods can also be used for qualitatively and quantitatively measuring alpha -subunit receptor activation as well as facilitating identification and characterization of potential agonists and antagonists for a selected alpha -subunit receptor. The products can also be used for detection, diagnosis and production of transgenic animals. Dwg.0/13

L6 ANSWER 8 OF 17 WPIDS COPYRIGHT 2006 THE THOMSON CORP on STN
AN 1999-070411 [06] WPIDS Full-text
DNC C1999-020912
TI Treatment of chronic fatigue syndrome - by administration of buprenorphine or one of its salt.
DC B02

IN COLE, W L
PA (COLE-I) COLE W L
CYC 82
PI WO 9857637 A1 19981223 (199906)* EN 18<--
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL
OA PT SD SE SZ UG ZW
W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE
GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG
MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG
UZ VN YU ZW
AU 9882600 A 19990104 (199921) <--
US 5900420 A 19990504 (199925) <--
EP 1014975 A1 20000705 (200035) EN <--
R: DE FR GB IT
JP 2002511087 W 20020409 (200227) 13<--
ADT WO 9857637 A1 WO 1998-US12890 19980619; AU 9882600 A AU 1998-82600 19980619; US 5900420 A Provisional US 1997-50157P 19970619, Provisional US 1997-56571P 19970821, US 1998-99900 19980618; EP 1014975 A1 EP 1998-932795 19980619, WO 1998-US12890 19980619; JP 2002511087 W WO 1998-US12890 19980619, JP 1999-504905 19980619
FDT AU 9882600 A Based on WO 9857637; EP 1014975 A1 Based on WO 9857637; JP 2002511087 W Based on WO 9857637
PRAI US 1998-99900 19980618; US 1997-50157P 19970619;
US 1997-56571P 19970821
AN 1999-070411 [06] WPIDS Full-text
AB WO 9857637 A UPAB: 19990210
Chronic fatigue syndrome and fibromyalgia are treated by administration of buprenorphine or one of its salts. Buprenorphine is 17-cyclo-propyl methyl-alpha -(1,1-dimethylethyl)-4,5- epoxy-18,19-dihydro-3-hydroxy-6- methoxy-alpha -methyl-6,14- ethenomorphinan-7-methanol.
USE - Buprenorphine is used to treat the major symptoms of chronic fatigue syndrome and fibromyalgia. Dwg.0/0

L6 ANSWER 9 OF 17 PROMT COPYRIGHT 2006 Gale Group on STN

AN 2004:394822 PROMT Full-text
TI OTHER NEWS TO NOTE.
SO BIOWORLD Today, (10 Sep 2004) Vol. 15, No. 175.
PB Thomson Healthcare, Inc.
DT Newsletter
LA English
WC 2225
FULL TEXT IS AVAILABLE IN THE ALL FORMAT
AB Accelrys Inc., of San Diego, formed an agreement with Bayer THIS IS THE FULL TEXT: COPYRIGHT 2004 American Health Consultants, Inc. Subscription: $1350.00 per year. Published daily (5 times a week). 5 Paragon Drive, Montvale, NJ 07645.

L6 ANSWER 10 OF 17 PROMT COPYRIGHT 2006 Gale Group on STN

AN 2004:22520 PROMT Full-text
TI Final Results.
SO PR Newswire, (22 Jan 2004) .
PB PR Newswire Association, Inc.
DT Newsletter
LA English
WC 23610
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB Pfizer Inc 2003 Performance Report THIS IS THE FULL TEXT: COPYRIGHT 2004 PR Newswire Association, Inc.

L6 ANSWER 11 OF 17 PROMT COPYRIGHT 2006 Gale Group on STN

AN 2004:22533 PROMT Full-text
TI /SECOND AND FINAL ADD -- NYTH048 -- Pfizer Inc Earnings/.
SO PR Newswire, (22 Jan 2004) .
PB PR Newswire Association, Inc.
DT Newsletter
LA English
WC 6643
FULL TEXT IS AVAILABLE IN THE ALL FORMAT
AB Q27) What is the status of Somavert? THIS IS THE FULL TEXT: COPYRIGHT 2004 PR Newswire Association, Inc.

L6 ANSWER 12 OF 17 PROMT COPYRIGHT 2006 Gale Group on STN

AN 2004:144642 PROMT Full-text
TI /SECOND AND FINAL ADD -- NYTU091 -- Pfizer Inc Earnings/.
SO PR Newswire, (20 Apr 2004) .
PB PR Newswire Association, Inc.
DT Newsletter
LA English
WC 7336
FULL TEXT IS AVAILABLE IN THE ALL FORMAT
AB Q21) How is Camptosar performing? THIS IS THE FULL TEXT: COPYRIGHT 2004 PR Newswire Association, Inc.

L6 ANSWER 13 OF 17 PROMT COPYRIGHT 2006 Gale Group on STN

AN 2000:759895 PROMT Full-text
TI Recognizing and treating depression.(Major depressive disorder)(Statistical Data Included)
AU Mack, James E.
SO Drug Topics, (21 Aug 2000) Vol. 144, No. 16, pp. 67.
ISSN: 0012-6616.
PB Medical Economics Company, Inc.
DT Newsletter
LA English
WC 6206
FULL TEXT IS AVAILABLE IN THE ALL FORMAT
AB Major depressive disorder (MDD) is a common clinical condition that affects millions of children and adults every year. It is estimated that 17% of adults in this country will experience major depression during their lifetime, with the frequency being twice as high in women as in men. Milder forms of depression such as dysthymia and minor depression occur in approximately 5% of the population. The morbidity and mortality resulting from depression are significant. Consequently, learning to recognize and treat depression is crucial to addressing this serious societal problem. THIS IS THE FULL TEXT: COPYRIGHT 2000 Medical Economics Company, Inc.

Subscription: $58.00 per year. Published semimonthly. 5 Paragon Dr., Montvale, NJ 07645.

L6 ANSWER 14 OF 17 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN DUPLICATE 2
AN 2005:19908 BIOSIS Full-text
DN PREV200500017867
TI Alpha1-antitrypsin replacement therapy controls fibromyalgia symptoms in 2 patients with PI ZZ alpha1-antitrypsin deficiency.
AU Blanco, Ignacio [Reprint Author]; Canto, Hortensia; de Serres, Frederick Joseph; Fernandez-Bustillo, Enrique; Rodriguez, Maria Carmen
CS Resp Dis BranchDept Internal Med, Hosp Valle Nalon, Langreo, Asturias, 33920, Spain
ignacio.blanco@sespa.princast.es
SO Journal of Rheumatology, (October 2004) Vol. 31, No. 10, pp. 2082-2085. print.
ISSN: 0315-162X (ISSN print).
DT Article
LA English
ED Entered STN: 22 Dec 2004
Last Updated on STN: 22 Dec 2004
AB Two Spanish sisters with alpha1-antitrypsin (AAT) deficiency and fibromyalgia (FM) started AAT replacement therapy with commercial alpha1-antitrypsin infusions in 1992. They both experienced a rapid, progressive, and constant control of their FM symptoms during the next 6 years (1992-98). However, in 1998, treatment of both patients was affected by the worldwide commercial shortage of AAT replacement therapy; replacement therapy infusions were halted for about 4-6 consecutive months every year for 5 years. As a result, we observed a striking recurrence of FM symptoms. Equally striking was the total disappearance of these symptoms when AAT replacement therapy infusions were resumed.

L6 ANSWER 15 OF 17 EMBASE COPYRIGHT (c) 2006 Elsevier B.V. All rights reserved on STN DUPLICATE 3
AN 2004360882 EMBASE Full-text
TI A 55-year-old man with hypogammaglobulinemia, lymphopenia, and unrelenting cutaneous warts.
AU Lynn J.; Knight A.K.; Kamoun M.; Levinson A.I.
CS Dr. A.I. Levinson, Allergy and Immunology Section, Univ. of Pennsylvania Sch. of Med., 1014 BRBII/III, 421 Curie Boulevard, Philadelphia, PA 19104, United States. frog@mail.med.upenn.edu
SO Journal of Allergy and Clinical Immunology, (2004) Vol. 114, No. 2, pp. 409-414. .
Refs: 28
ISSN: 0091-6749 CODEN: JACIBY
PUI S 0091-6749(04)01065-6
CY United States
DT Journal; Article
FS 004 Microbiology
025 Hematology
026 Immunology, Serology and Transplantation
030 Pharmacology
037 Drug Literature Index
LA English
SL English
ED Entered STN: 9 Sep 2004
Last Updated on STN: 9 Sep 2004
AB A 55-year-old white man with a history of hypertension, fibromyalgia, and colonic polyps presented with unrelenting plantar warts on his hands and feet for the past 4 years. He was otherwise healthy and without a history of recurrent infections. Physical examination was unremarkable except for extensive warts on his hands and feet. Pertinent laboratory findings included

hypoalbuminemia, hypogammaglobulinemia, and lymphopenia most severely affecting CD4(+) T cells. Testing for HIV infection was negative. This clinical and laboratory presentation suggested a combined humoral and cellular immunodeficiency syndrome that could be best explained by loss of lymphocytes, immunoglobulins, and other serum proteins. Additional immunologic testing revealed a marked reduction in peripheral blood naive (CD4 (+)CD45RA(+)) T cells. A 24-hour stool collection showed a markedly elevated α(1)-antitrypsin level. These findings were most consistent with the diagnosis of intestinal lymphangiectasia, a type of protein-losing enteropathy associated with hypoalbuminemia, hypogammaglobulinemia, and lymphopenia, characterized by a preferential loss of naive CD4(+) T cells into the gastrointestinal tract. This case illustrates the importance of considering intestinal loss of immunoglobulins and lymphocytes in the differential diagnosis of the adult patient who presents with laboratory evidence of a combined humoral and cellular immunodeficiency. It also underscores the diagnostic utility of the clinical immunology laboratory and how flow cytometry, in particular, can contribute to an understanding of pathogenic mechanisms.

L6 ANSWER 16 OF 17 SCISEARCH COPYRIGHT (c) 2006 The Thomson Corporation on STN
AN 1999:19025 SCISEARCH Full-text
GA The Genuine Article (R) Number: 152KR
TI Nasal secretion analysis in allergic rhinitis, cystic fibrosis, and nonallergic fibromyalgia/chronic fatigue syndrome subjects
AU Baraniuk J N (Reprint); Clauw D; Yuta A; Ali M; Gaumond E; Upadhyayula N; Fujita K; Shimizu T
CS Georgetown Univ, Div Rheumatol Allergy & Immunol, LL-020 Gorman Bldg, Washington, DC 20007 USA (Reprint); Georgetown Univ, Div Rheumatol Allergy & Immunol, Washington, DC 20007 USA
CYA USA
SO AMERICAN JOURNAL OF RHINOLOGY, (NOV-DEC 1998) Vol. 12, No. 6, pp. 435-440.
ISSN: 1050-6586.
PB OCEAN SIDE PUBLICATIONS INC, 95 PITMAN ST, PROVIDENCE, RI 02906 USA.
DT Article; Journal
LA English
REC Reference Count: 28
ED Entered STN: 1999
Last Updated on STN: 1999
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS
AB Rhinitis symptoms are present in approximately 70% of subjects with fibromyalgia and chronic fatigue syndrome (FM/CFS). Because only 35% to 50% have positive allergy skin tests, nonallergic mechanisms may also play a role. To better understand the mechanisms of nonallergic rhinitis in FM/CFS, nasal lavages were performed, and markers of vascular permeability, glandular secretion, and neutrophil and eosinophil infiltration measured in 27 nonallergic FM/CFS, 7 allergic rhinitis, 7 cystic fibrosis, and 9 normal subjects. Allergic rhinitis subjects had significantly increased vascular permeability (IgG) and ECP levels. Cystic fibrosis subjects had significantly higher elastase and total protein levels. There were no significant differences between FM/CFS and normal lavage fluids. Analysis of the constituents of nasal mucus provides information about ongoing secretory processes in rhinitis. There were no differences in the basal secretion of these markers of vascular permeability, submucosal gland serous cell secretion, eosinophil and neutrophil degranulation in nonallergic FM/CFS subjects. This suggests that constitutively active secretory processes that regulate continuous production of nasal secretions are not altered

in FM/CFS. Future studies should examine alternative mechanisms such as inducible, irritant-activated or reflex-mediated effects.

L6 ANSWER 17 OF 17 ADISCTI COPYRIGHT (C) 2006 Adis Data Information BV on STN
AN 1993:17960 ADISCTI
DN 800199822
TI Fibrositis syndrome and narcolepsy.
AU Disdier P; Genton P; Milandre C; et al.
SO Journal of Rheumatology (May 1, 1993), Vol. 20, pp. 888-889
DT Citation
RE Rheumatic Disease
FS Citation
LA English

=> file uspatfull uspat2

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	225.03	248.77

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.75	-3.75

FILE 'USPATFULL' ENTERED AT 13:25:08 ON 16 AUG 2006
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FILE 'USPAT2' ENTERED AT 13:25:08 ON 16 AUG 2006
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=> s (l4 same fibromyalgia) and pd<20040929
MISSING OPERATOR L4 SAME
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s l4 same fibromyalgia
MISSING OPERATOR L4 SAME
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s l4
L7 333 L4

=> s (l7 (s) fibromyalgia) and pd<20040924
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L19 (S) FIBROMYAL'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L20 (S) FIBROMYAL'
L8 151 (L7 (S) FIBROMYALGIA) AND PD<20040924

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	8.58	257.35

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-3.75

STN INTERNATIONAL LOGOFF AT 13:29:10 ON 16 AUG 2006